

Appendix A: Feed-meat conversion ratios used in CAPSiM model

	Pork	Beef	Mutton	Poultry	Eggs	Dairy products	Fishery
Backyard feeding	2.39	1.01	1.37	1.43	1.01	0.34	0.29
Specialized households	2.68	0.91	1.00	1.62	2.00	0.33	0.29
Commercial enterprises	2.87	0.86	0.55	2.10	2.01	0.42	0.29

Source: CCAP, CAS

Note: feed-meat ratio used in this study is calculated based on the commercial feed consumed, instead of physical energy conversion.

Appendix B: Contribution of technology improvement to the annual growth of yield in different periods by agricultural products (%)

	2011-2015	2016-2020	2021-2025	2026-2030
Rice	1.13	0.84	0.63	0.47
Wheat	1.13	0.84	0.63	0.47
Maize	1.13	0.90	0.70	0.51
Sweet Potato	1.13	0.84	0.68	0.54
Potato	1.13	0.90	0.72	0.58
Other grains	1.20	0.96	0.77	0.61
Soybean	1.20	0.96	0.77	0.61
Cotton	1.40	1.12	0.90	0.72
Vegetable oils	1.40	1.12	0.90	0.72
Sugar	1.23	0.86	0.60	0.42
Vegetables	1.60	1.28	1.02	0.82
Fruits	2.25	2.03	1.82	1.64
Pork	2.98	2.59	2.25	1.96
Beef	4.28	3.00	2.55	2.17
Mutton	3.47	2.43	2.06	1.75
Poultry	4.13	3.30	2.64	2.12
Eggs	2.82	2.25	1.80	1.44
Milk	4.62	2.77	1.66	1.00
Fishery products	4.31	3.88	3.49	3.14

Source: estimated by authors based on the studies by Huang (2004) and Huang et al., (2010)